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Dated: 9/7/04

Signature:

*A. L. Hamm*  
(Amy L. Hamm)

Docket No.: 05899-00013-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Lothar Eggeling et al.

Application No.: 09/914006

Confirmation No.: 7184

Filed: January 7, 2002

Art Unit: 1632

For: METHOD FOR MICROBIALY  
PRODUCING L-VALINE

Examiner: C. Fronda

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a Final Office Action or Notice of Allowance.

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent,

09/13/2004 AWONDAF1 00000053 032775 09914006

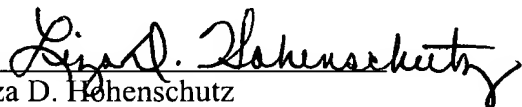
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publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

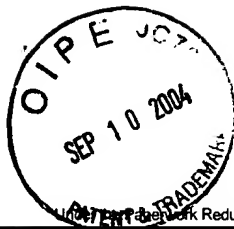
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Dated: September 7, 2004

Respectfully submitted,

By   
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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/914006-Conf. #7184
				Filing Date	January 7, 2002
				First Named Inventor	Lothar Eggeling
				Art Unit	1632
				Examiner Name	C. Fronda
Sheet	1	of	1	Attorney Docket Number	05899-00013-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-5,658,766	08-19-1997	Ajinomoto Co., Inc.	
	AB	US-4,278,765	07-14-1981	Debabov et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	EP-0 136 359	10-04-1985	Kyowa Hakko Kogyo Kabushiki Kaisha		
	BB	EP-0 436 886	07-17-1991	Forschungszentrum Julich GmbH		
	BC	EP-0 872 547	10-21-1998	Ajinomoto Co., Inc.		
	BD	EP-0 356 739	03-07-1990	Ajinomoto Co. Inc.		
	BE	EP-1 006 189	06-07-2000	Forschungszentrum Julich GmbH		
	BF	JP-06/277067	10-04-1994	Mitsubishi Petrochem Co. Ltd		X

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	CA	R. P. Lawther et al; "The complete nucleotide sequence of the ilvGMEDA operon of Escherichia coli K-12"; Nucleic Acids Research; Vol. 15, No. 5, 1987; pages 2137-2155		
	CB	S. L. Miller; "Prebiotic syntheses of vitamin coenzymes" Journal of Molecular Evolution; Vol. 36; 1993; pages 308-314 (Abstract)		
	CC	C. Keilhauer; "Isoleucine Synthesis of Corynebacterium glutamicum: Molecular Analysis of the ilvB-ilvN-ilvC Operon"; Journal of Bacteriology; September 1993; vol. 175, pages 5595-5603		
	CD	H. Sahm; "D-Pantothenate Synthesis in Corynebacterium glutamicum and Use of panBC and Genes Encoding L-Valine Synthesis for D-Pantothenate Overproduction"; Applied and Environmental Microbiology; May 1999; vol. 65, pages 1973-1979		
	CE	J. A. Velasco; "Cloning of the dihydroxyacid dehydratase-encoding gene (ILV3) from Saccharomyces cerevisiae"; Gene; 1993; vol. 137, pages 179-185		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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